OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/078,678

DATE: 07/31/2002
TIME: 14:54:41

Input Set : A:\026350-071.ST25.txt
Output Set: N:\CRF3\07312002\J078678.raw

ENTERED

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 4 <110> APPLICANT: Sakagami, Yoji
 5         Matsubayashi, Yoshikatsu
 6         Yang, Heping
 8 <120> TITLE OF INVENTION: Precursor Polypeptide of Phytosulfokine Derived from
 9         Arabidopsis Thaliana and a Gene Encoding said Polypeptide
11 <130> FILE REFERENCE: 026350-071
13 <140> CURRENT APPLICATION NUMBER: US 10/078,678
14 <141> CURRENT FILING DATE: 2002-02-21
16 <150> PRIOR APPLICATION NUMBER: JP 2001-52946
17 <151> PRIOR FILING DATE: 2001-02-27
19 <160> NUMBER OF SEQ ID NOS: 4
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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24 <211> LENGTH: 87
25 <212> TYPE: PRT
26 <213> ORGANISM: Arabidopsis thaliana
28 <400> SEQUENCE: 1
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30 1               5                  10                  15
31 Thr Leu Met Cys Thr Ala Arg Pro Glu Pro Ala Ile Ser Ile Ser Ile
32              20                  25                  30
33 Thr Thr Ala Ala Asp Pro Cys Asn Met Glu Lys Lys Ile Glu Gly Lys
34          35                  40                  45
35 Leu Asp Asp Met His Met Val Glu Glu Asn Cys Gly Ala Asp Asp Glu
36      50                  55                  60
37 Asp Cys Leu Met Arg Arg Thr Leu Val Ala His Thr Asp Tyr Ile Tyr
38 65                  70                  75                  80
39 Thr Gln Lys Lys Lys His Pro
40                  85
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 545
45 <212> TYPE: DNA
46 <213> ORGANISM: Arabidopsis thaliana
48 <400> SEQUENCE: 2
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50 ctcaccatag ctcttctcct ttgctccacg ctaatgtgca ctgcccgccc cgaaccggcc 120
51 atctccatct ctatcacgac tgctgccgat ccatgtaaca tggagaagaa gatagaagga 180
52 aaattagatg acatgcatat ggtagacgaa aactgtggtg cagacgacga agattgctta 240
53 atgaggagga ctttggtcgc tcatactgat tacatctata cccagaagaa gaagcatcct 300
54 tgattttcac ttactcattt ctaacaaact tttgctcaag attatgtaat ttatgtcatc 360
55 cttaattagt atttgtcaca tacaagatca agatagttat gattgtgatt atttatatgt 420
56 attttggatg atatattgta gaactagaag tttgacaata aaaagtttat agtgtcgttg 480
57 tatgtttaag aagtttgaca ataaaaactt tatagtgttg ttgcaaaaaa aaaaaaaaaa 540
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58 aaaaa                                                      545
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 79
62 <212> TYPE: PRT
63 <213> ORGANISM: Arabidopsis thaliana
65 <400> SEQUENCE: 3
66 Met Gly Lys Phe Thr Thr Ile Phe Ile Met Ala Leu Leu Leu Cys Ser
67 1               5                   10                  15
68 Thr Leu Thr Tyr Ala Ala Arg Leu Thr Pro Thr Thr Thr Thr Ala Leu
69               20                  25                  30
70 Ser Arg Glu Asn Ser Val Lys Glu Ile Glu Gly Asp Lys Val Glu Glu
71           35                  40                  45
72 Glu Ser Cys Asn Gly Ile Gly Glu Glu Glu Cys Leu Ile Arg Arg Ser
73       50                  55                  60
74 Leu Leu Leu His Thr Asp Tyr Ile Tyr Thr Gln Asn His Lys Pro
75 65                  70                  75
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 479
80 <212> TYPE: DNA
81 <213> ORGANISM: Arabidopsis thaliana
83 <400> SEQUENCE: 4
84 cttctcaggc tcccattatc tttctctatt ttgcaaatca gtatgggtaa gttcacaacc 60
85 attttcatca tggctctcct tctttgctct acgctaacct acgcagcaag gctgactccg 120
86 acgacaacca ccgctttgtc cagagaaaac tccgtcaagg aaattgaagg agacaaggtt 180
87 gaagaagaaa gctgcaacgg aattggagaa gaagaatgtt tgataagacg aagccttctt 240
88 cttcacaccg attacattta tactcagaat cacaagccct aagtttctgt attagagcaa 300
89 ttaattaact aattacatta tcaaacctat cactgtagta ctttctgttt tctgttcgtc 360
90 tttttgttt tgttttgttt atgttatcgc tattttaaag tttcattgtt attttgaaag 420
91 ttcttacacc atcattattg atagtctctt aaaacaaaaa aaaaaaaaaa aaaaaaaa 479
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VERIFICATION SUMMARY   DATE: 07/31/2002
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